

Attachment 3

CALGreen	Residential		
	Mandatory	Voluntary	
		Tier 1	Tier 2
	Tier 1: Prerequisites (✓) + 10 Elective Measures Tier 2: Prerequisites (✓) + 17 Elective Measures		
• Select an infill site, greyfield, or brownfield site	---	Elective	Elective
• Use environmentally trained personnel	---	Elective	Elective
• Deconstruction & reuse of existing materials	---	Elective	Elective
• Manage storm water during construction	✓	✓	✓
• Manage surface drainage	✓	✓	✓
• Building oriented long side to south	---	Elective	Elective
• Provide soil analysis by licensed engineer	---	Elective	Elective
• Soil disturbance is minimized	---	Elective	Elective
• Topsoil is protected and saved for reuse	---	✓	✓
• Restore vegetation	---	Elective	Elective
• Limit turf areas	---	Elective	Elective
• 75% drought-tolerant plants	---	Elective	Elective
• Hydrozone irrigation	---	Elective	Elective
• Install 20% permeable surface for parking, etc	---	✓	---
• Install 30% permeable surface for parking, etc	---	---	✓
• Install cool roofs	---	✓	✓
• Meet State's energy efficiency standards	✓	✓	✓
• Exceed Energy Code by 15%	---	✓	---
• Exceed Energy Code by 30%	---	---	✓
• Add radiant roof barrier	---	Elective	Elective
• Third party testing of envelope tightness	---	Elective	Elective
• Install innovative heating & cooling systems	---	Elective	Elective
• Develop an HVAC commissioning plan	---	Elective	Elective
• Install space heating with an AFUE of .90 or up	---	Elective	Elective
• Install elect. heat pump with HSPF of 8.0 or up	---	Elective	Elective
• Install cooling equip. with SEER of over 13.0	---	Elective	Elective
• Install ducts to comply with listed reqs.	---	Elective	Elective
• Verify duct leakage rate of less than 6%	---	Elective	Elective
• Install whole-house fan	---	Elective	Elective
• Install ENERGY STAR ceiling fans	---	Elective	Elective
• Install water heater with EF above .60	---	Elective	Elective
• Install tankless water heater with EF above .80	---	Elective	Elective
• Minimize wait time for hot water	---	Elective	Elective
• Building lighting at least 90% ENERGY STAR	---	Elective	Elective
• All appliances to be ENERGY STAR	---	Elective	Elective
• Install PV system	---	Elective	Elective
• Install solar water heating system	---	Elective	Elective
• Provide penetrations for future solar installation	---	Elective	Elective
• Provide conduit for future PV installation	---	Elective	Elective
• Reduce potable water use by 20% (fixtures)	✓	✓	✓
• Meet max. flow rate for multiple showerheads	✓	✓	✓
• Meet performance reqs. for plumbing fixtures	✓	✓	✓
• Install 1.5 gpm kitchen faucet	---	✓	✓
• Install 5.8 gal/cycle dishwasher	---	---	✓
• Install waterless urinals & toilets	---	Elective	Elective
• Install auto weather-based irrigation controllers	✓	✓	✓

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• Install low-water consumption irrigation	---	Elective	Elective
• Capture, store & re-use rainwater	---	Elective	Elective
• Develop an irrigation water budget	---	Elective	Elective
• Reduce potable water use to 65% of usage	---	✓	---
• Reduce potable water use to 60% of usage	---	---	✓
• Install graywater piping	---	Elective	Elective
• Install recycled water piping	---	Elective	Elective
• Use recycled water for landscaping	---	Elective	Elective
• Reduce cement use by 20% or more	---	✓	---
• Reduce cement use by 25% or more	---	---	✓
• Minimize beam and header size	---	Elective	Elective
• Design buildings to minimize waste	---	Elective	Elective
• Use pre-manufactured building systems	---	Elective	Elective
• Provide materials quantity lists on plans	---	Elective	Elective
• Install trim, windows, siding that are prefinished	---	Elective	Elective
• Install floors that don't require coverings	---	Elective	Elective
• Use materials with min. 10% recycled content	---	✓	---
• Use materials with min. 15% recycled content	---	---	✓
• Use renewable source products	---	Elective	Elective
• Seal all joints and openings	✓	✓	✓
• Install foundation & landscape drains	---	Elective	Elective
• Install gutter & downspout system	---	Elective	Elective
• Provide flashing details on plans	---	Elective	Elective
• Protect delivered materials from moisture	---	Elective	Elective
• Protect exterior doors from water intrusion	---	Elective	Elective
• Provide 2 foot overhang	---	Elective	Elective
• Recycle 50% (min) of construction debris	✓	✓	✓
• Provide waste management plan	✓	✓	✓
• Recycle 65% of construction debris	---	✓	---
• Recycle 75% of construction debris	---	---	✓
• Provide equipment instruction manuals	✓	✓	✓
• Install direct-vent sealed-combustion fireplaces	✓	✓	✓
• Install wood stoves with EPA emission limits	✓	✓	✓
• Protect ducts from pollutants	✓	✓	✓
• Use low-VOC adhesives, caulks and sealants	✓	✓	✓
• Use low-VOC paints & stains	✓	✓	✓
• Toxic compound limits on aerosols	✓	✓	✓
• Document compliant VOC limit of materials	✓	✓	✓
• Use low-VOC carpets	✓	✓	✓
• 50% of resilient floor to comply with low VOC	✓	✓	✓
• Particleboard, plywood with formaldehyde limits	✓	✓	✓
• Use ARB flooring with formaldehyde limits	✓	✓	✓
• 80% of resilient floor VOC compliant	---	✓	---
• 90% of resilient floor VOC compliant	---	---	✓
• Thermal insulation VOC compliant	---	✓	---
• Thermal insulation VOC & formaldehyde limits	---	---	✓
• Install vapor retarder at slab	✓	✓	✓
• Check moisture content of framing	✓	✓	✓
• Terminate exhaust fans outside	✓	✓	✓
• Use high efficiency filters on HVAC systems	✓	✓	✓
• Use direct vent appliances	---	Elective	Elective

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• Install insulated louvers on whole-house fans	✓	✓	✓
• Ducts and equip designed per requirements	✓	✓	✓
• Employ certified HVAC installers	✓	✓	✓
• Employ qualified special inspectors	✓	✓	✓
• Provide verification of code compliance	✓	✓	✓